Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009660.D
Acq On : 07 Feb 2020 23:25
Operator : CG/JU
Sample : L1401-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6J8

Manual Integrations APPROVED
mohammad
2/11/2020 8:24:03 AM

Quant Time: Feb 08 01:54:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 23:20:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	158114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	667861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	403487	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	850141	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	793952	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	790055	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	6993	1.81	ng/uL	0.00
5) Phenol-d5	6.63	99	137169	9.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	100103	10.81	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	110236	10.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	97010	8.83	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	54492	10.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	56928	10.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	99755	9.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	136748	12.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	332886	11.30	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	397656	11.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	38721	6.96	ng/ul	0.00
57) Fluorene-d10	15.07	176	290844	11.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	37334	7.03	ng/ul	0.00
70) Anthracene-d10	16.92	188	443065	11.47	ng/ul	0.00
78) Pyrene-d10	19.23	212	513878	12.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	506131	13.01	ng/ul	-0.01
Target Compounds						Qvalue
69) Phenanthrene	16.86	178	187804	3.874	ng/ul	99
76) Fluoranthene	18.89	202	372022	6.723	ng/ul	97
79) Pyrene	19.26	202	339451	5.857	ng/ul	98
82) Benzo(a)anthracene	21.02	228	193747	3.534	ng/ul	98
84) Chrysene	21.07	228	177393	3.251	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	227409	4.601	ng/ul	99
88) Benzo(k)fluoranthene	22.56	252	77236m	1.587	ng/ul	
90) Benzo(a)pyrene	23.06	252	149937	3.274	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.20	276	93704	1.721	ng/ul	95
93) Benzo(g,h,i)perylene	25.83	276	88431	1.938	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
CB6J8

Manual Integrations APPROVED
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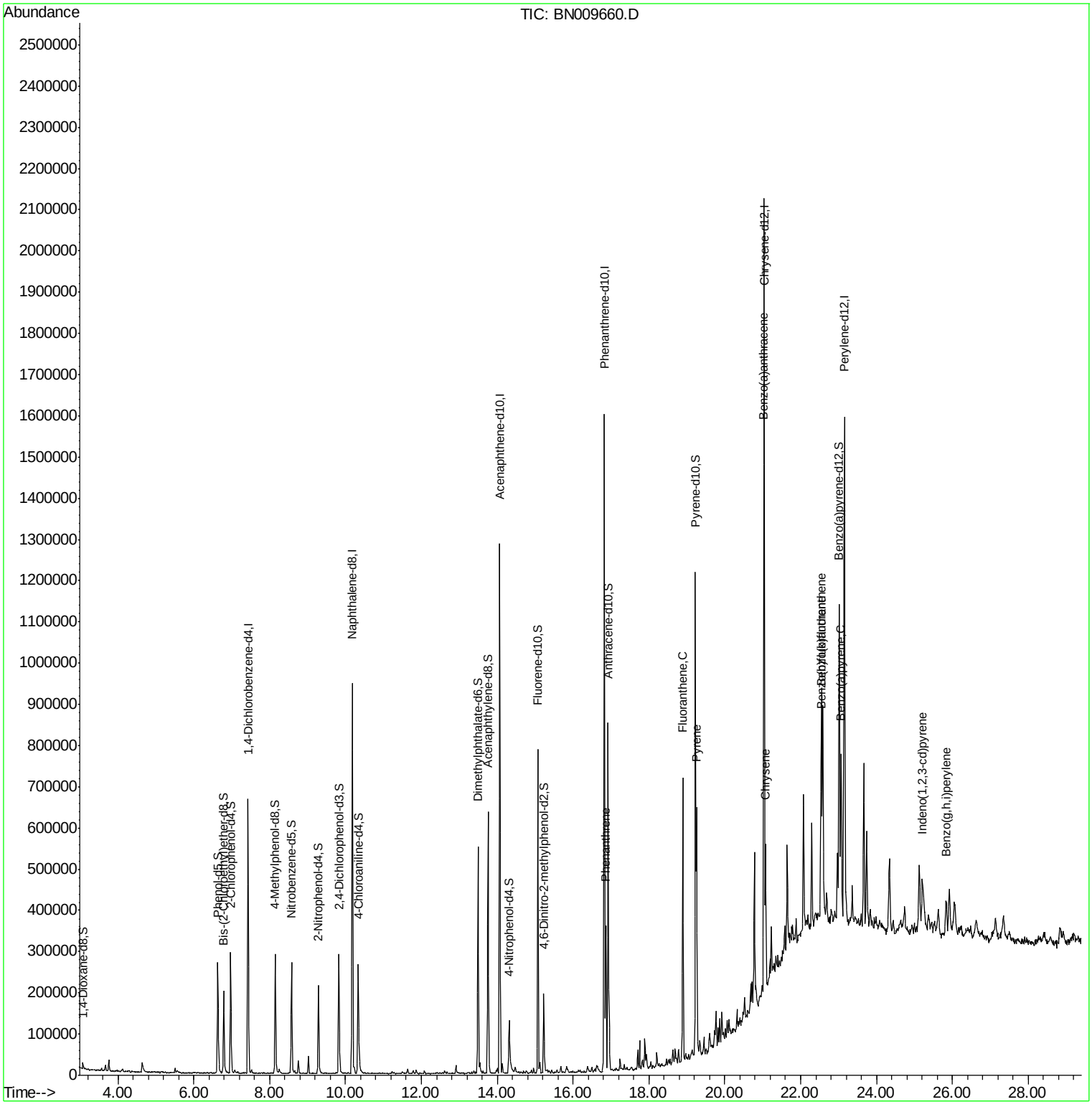
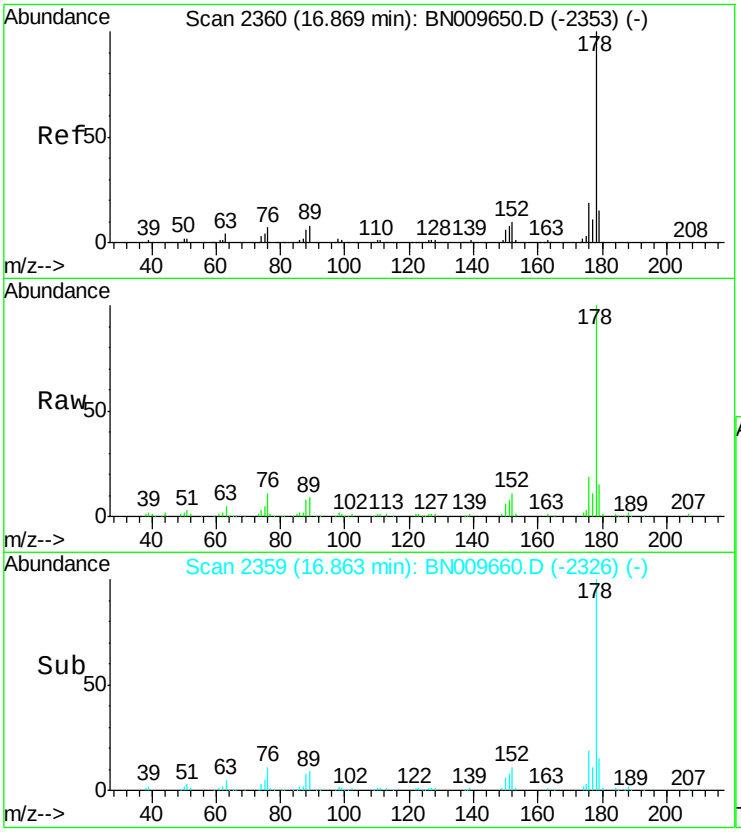
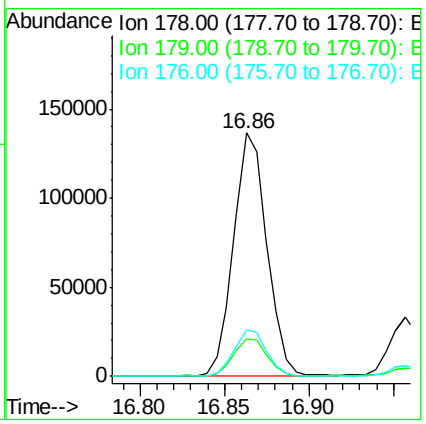




#69
Phenanthrene
Concen: 3.874 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:178 Resp: 187804

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.0	14.8	22.2



Instrument :
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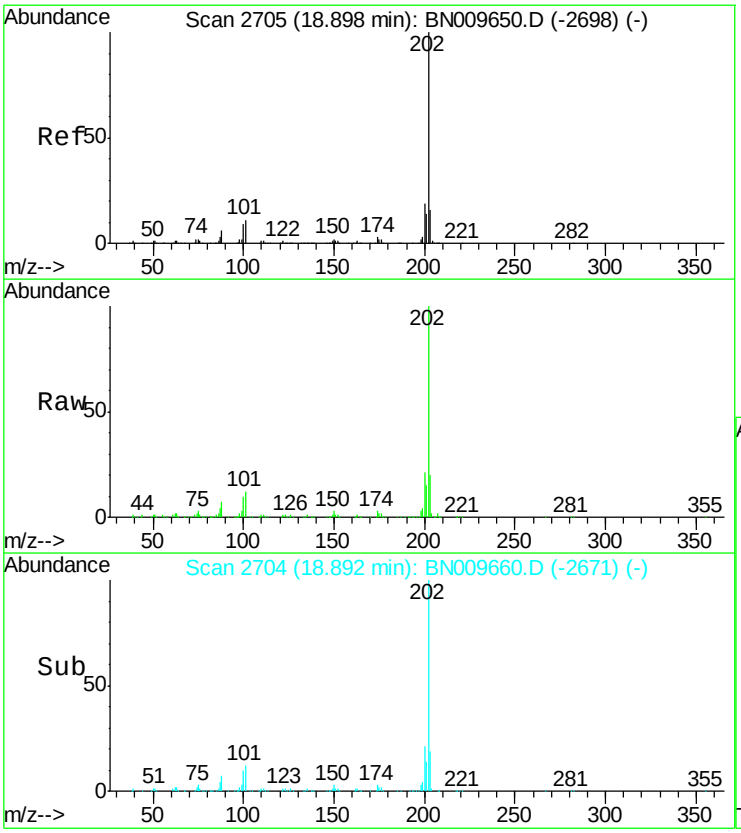
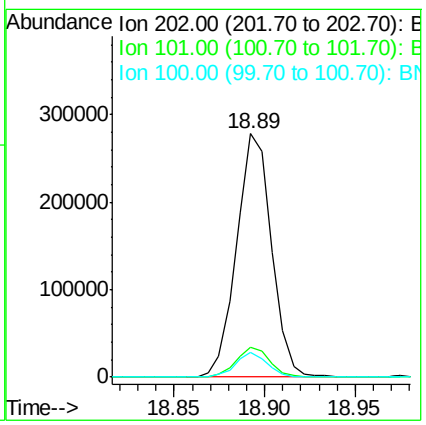
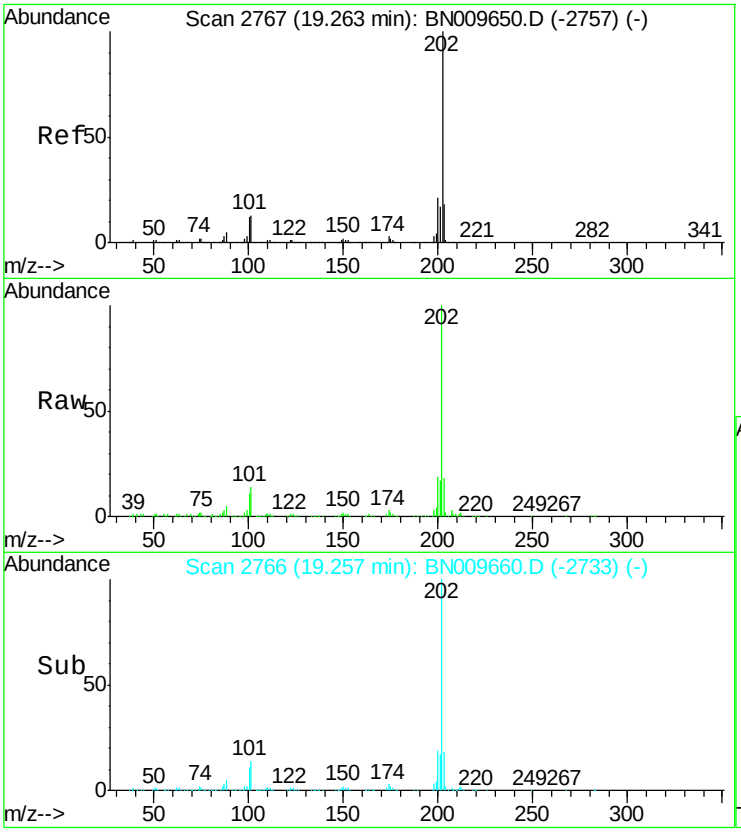


#76
Fluoranthene
Concen: 6.723 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:202 Resp: 372022

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.2	13.8
100	10.3	6.9	10.3

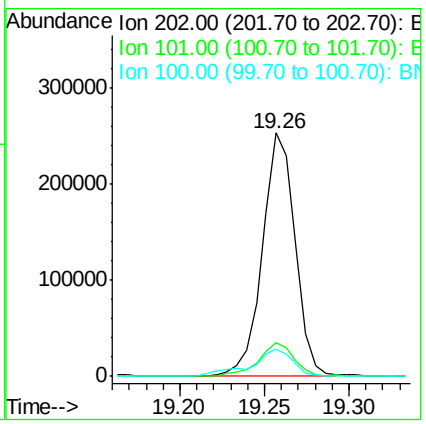




#79
Pyrene
Concen: 5.857 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:202 Resp: 339451

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
100	11.3	8.4	12.6



Instrument :
BNA_N
ClientSampleId :
CB6J8

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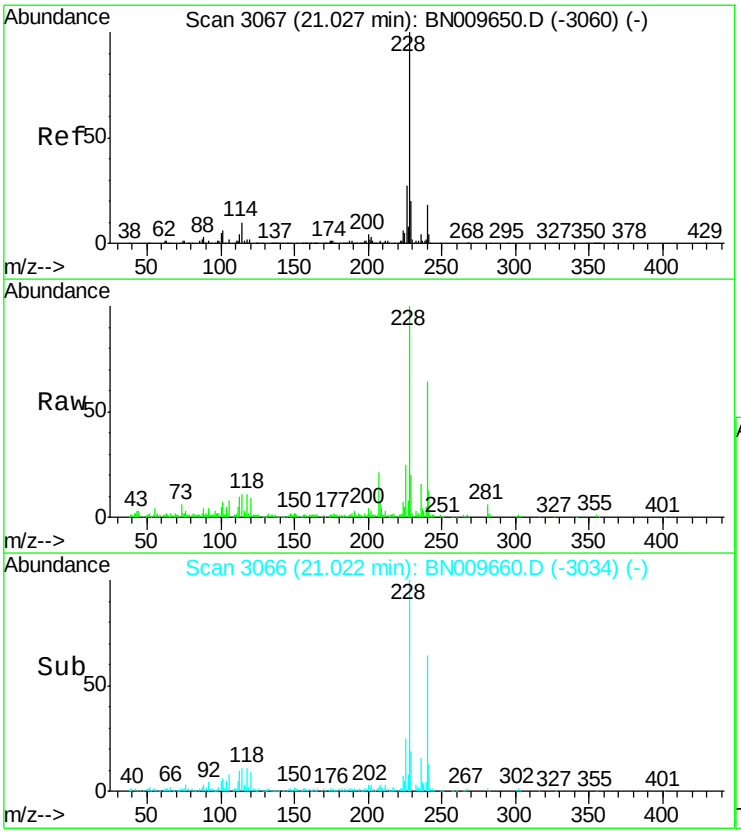
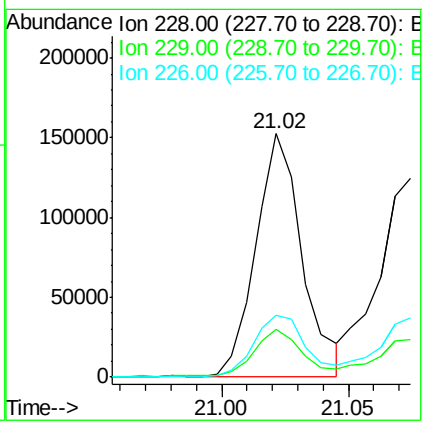
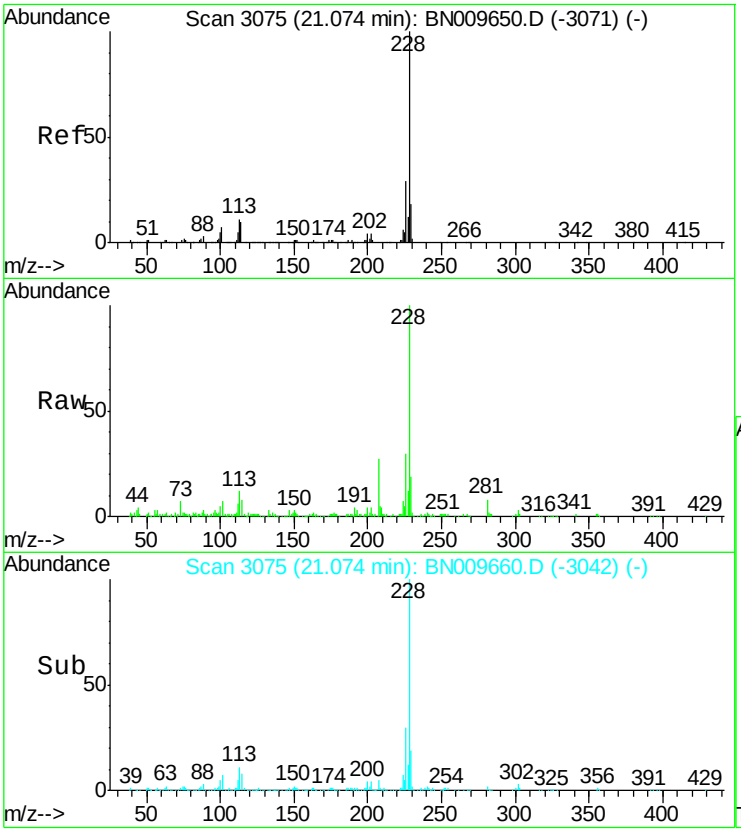


#82
Benzo(a)anthracene
Concen: 3.534 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:228 Resp: 193747

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.0	22.4
226	25.3	20.9	31.3

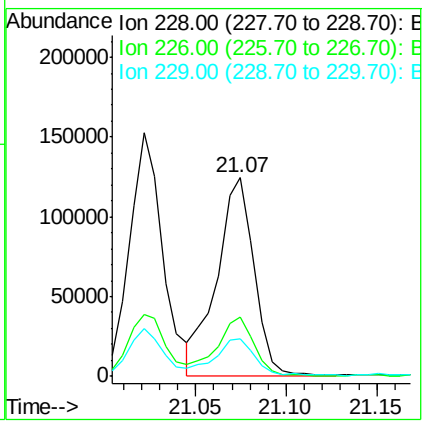




#84
Chrysene
Concen: 3.251 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:228 Resp: 177393

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	19.0	15.8	23.8



Instrument :
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ClientSampleId :
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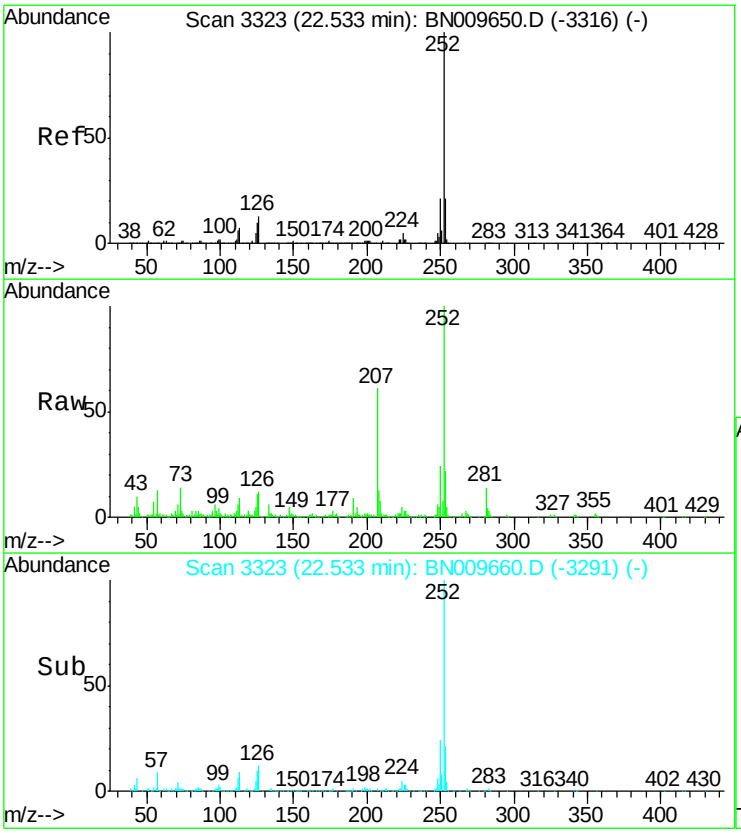
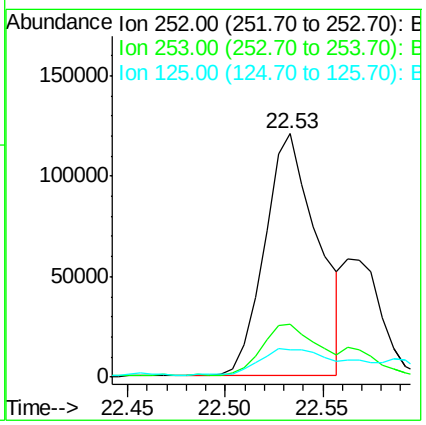
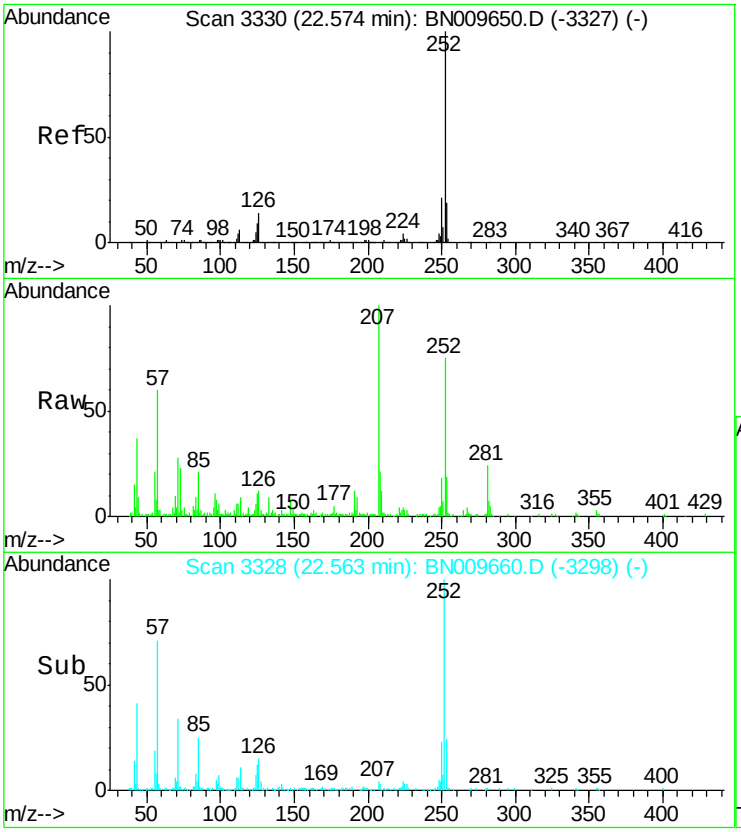


#87
Benzo(b)fluoranthene
Concen: 4.601 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:252 Resp: 227409

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.0	8.2	12.2

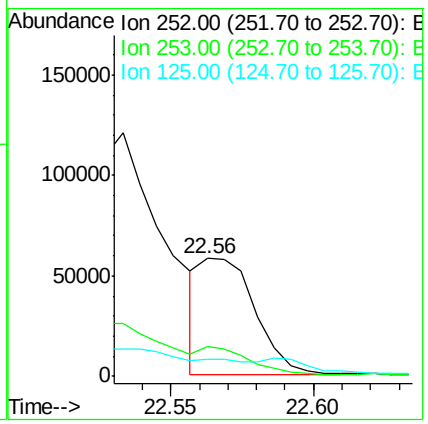




#88
Benzo(k)fluoranthene
Concen: 1.587 ng/ul m
RT: 22.56 min Scan# 3328
Delta R.T. -0.02 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:252 Resp: 77236

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.4
125	14.4	8.0	12.0#



Instrument :
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ClientSampleId :
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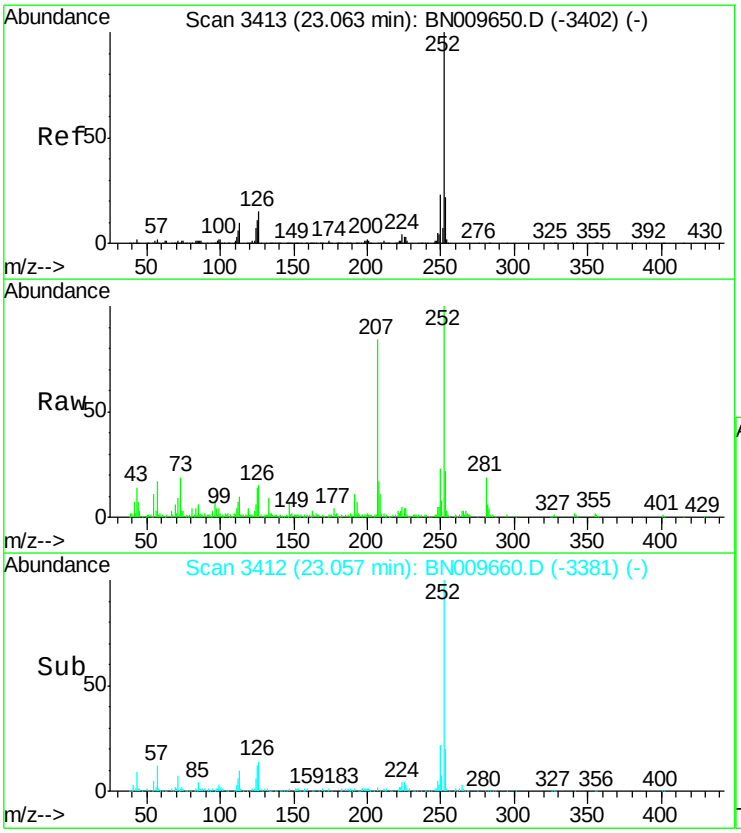
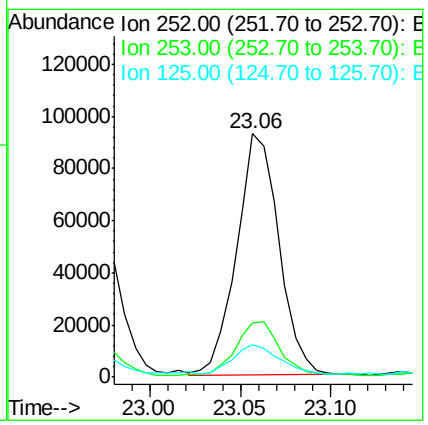
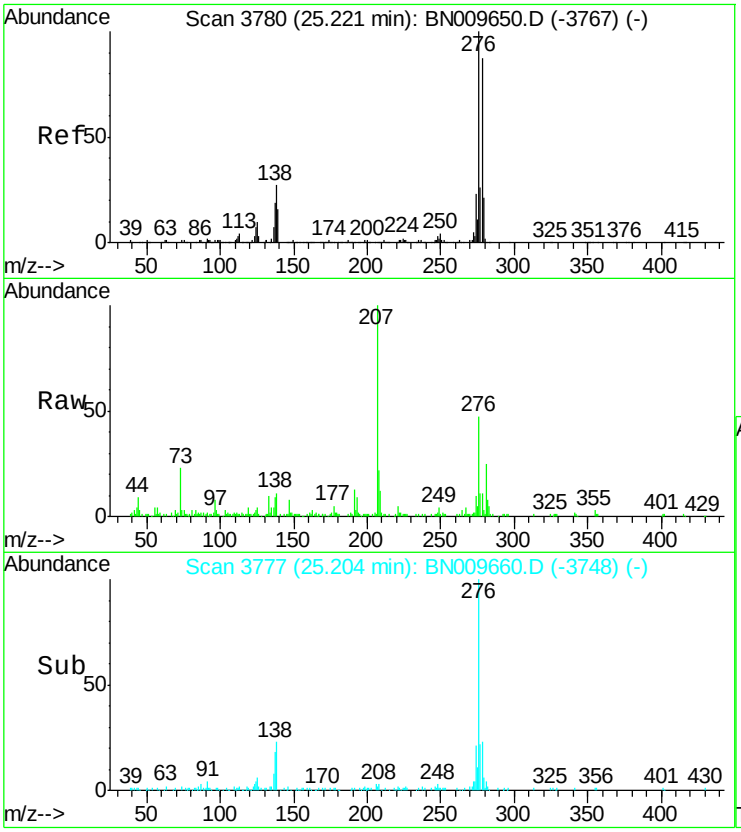


#90
Benzo(a)pyrene
Concen: 3.274 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:252 Resp: 149937

Ion	Ratio	Lower	Upper
252	100		
253	22.0	15.8	23.8
125	13.6	8.7	13.1#

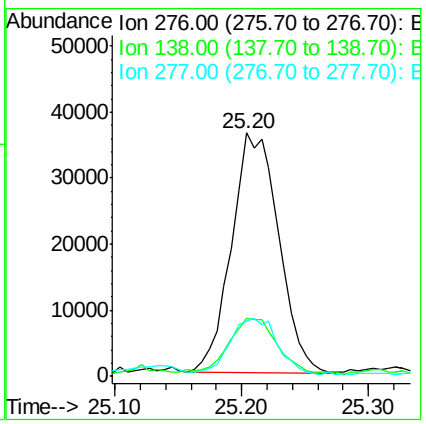




#91
Indeno(1,2,3-cd)pyrene
Concen: 1.721 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.03 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:276 Resp: 93704

Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.3	30.5
277	22.8	21.2	31.8



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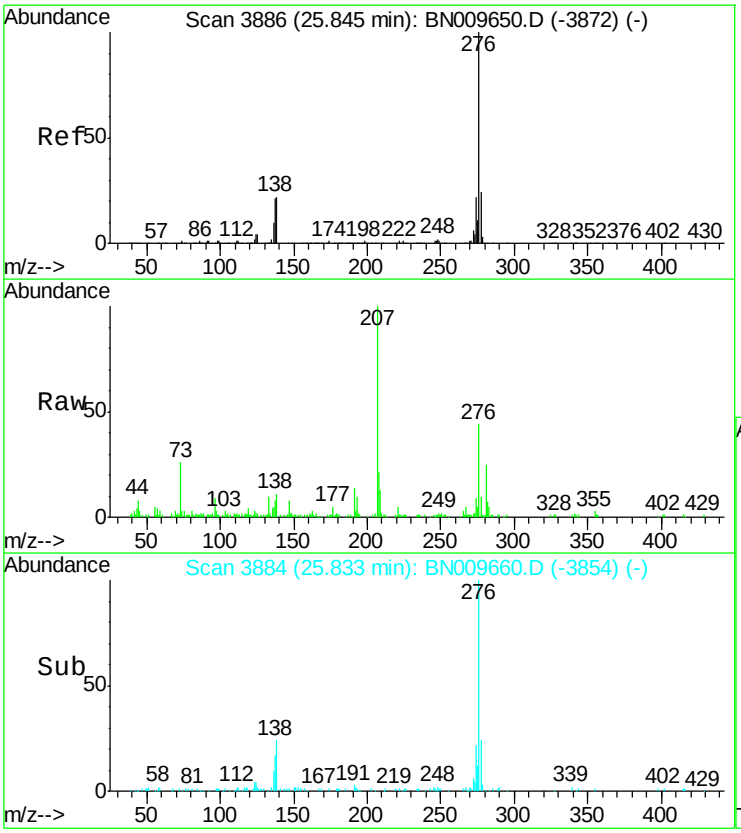

#93
Benzo(g,h,i)perylene
Concen: 1.938 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009660.D
Acq: 07 Feb 2020 23:25

Tgt Ion:276 Resp: 88431

Ion	Ratio	Lower	Upper
276	100		
138	24.6	16.0	24.0#
277	23.2	17.0	25.6